

execution means for executing the [predetermined] process described by each
of the plurality of functions [function]; and

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Change*
[change] call out means for [changing the identification of the next function to
be called by any of the functions stored in the storage means, wherein the order in which the
predetermined processes described by the functions stored in the storage means are executed
by the execution means can be changed by the change means] calling out the next one of the
plurality of functions from the storage means in accordance with the call-out command of a
function being executed by the execution means after the process of the function being
executed by the execution means is completed.

4. (Amended) The data processing apparatus of claim 1, wherein the execution
means repeatedly executes the [predetermined] process of each of the plurality of functions
[function] for only a predetermined number of times in accordance with predetermined
repetition information.

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5. (Amended) The data processing apparatus of claim 1, [wherein the] further
comprising change means [changes the identification of the next function to be executed to
another function stored in the storage means] for changing the call-out command of the
functions from a first one of the plurality of functions to a second one of the plurality of
functions.

Claim 7, line 2, delete "predetermined".

9. (Amended) A data processing apparatus that performs, in a predetermined
order, one or more processes from among a plurality of processes, on predetermined data, the
data processing apparatus comprising:

a memory that stores a plurality of functions, each function [describing a
predetermined process to be performed on the predetermined data and identifying a next

function to be executed after execution of the predetermined process] including one of the plurality of processes and a call-out command that calls out a next one of the plurality of functions; and

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a controller that executes the [predetermined] process described by each of the plurality of functions [function] and that [enables changing of the identification of the next function to be called by any of the functions stored in the memory, wherein the order in which the predetermined processes described by the functions stored in the memory are executed by the controller can be changed by changing the next function identification that is stored for the functions in the memory] calls out the next one of the plurality of functions from the memory in accordance with the call-out command of a function being executed by the controller after the process of the function being executed by the controller is completed.

12. (Amended) The data processing apparatus of claim 9, wherein the controller repeatedly executes the [predetermined] process of each [function] of the plurality of functions for only a predetermined number of times in accordance with predetermined repetition information.

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13. (Amended) The data processing apparatus of claim 9, wherein the controller [changes the identification of the next function to be executed to another function stored in the memory] can change the call-out command of the functions from a first one of the plurality of functions to a second one of the plurality of functions.

Claim 15, line 2, delete "predetermined".

17. (Amended) A method of processing data in which one or more processes from among a plurality of processes, are performed, in a predetermined order, on predetermined data, the method comprising the steps of:

storing in memory a plurality of functions, each function [describing a predetermined process to be performed on the predetermined data and identifying a next function to be executed after execution of the predetermined process of the function] including one of the plurality of processes and a call-out command that calls out a next one of the plurality of functions; and

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executing the one or more processes in the predetermined order by calling out the next one of the plurality of functions from the memory in accordance with the call-out command of a function being executed after the process of the function being executed is completed. [predetermined process described by each function and then proceeding to the next identified function; and

changing the identification of the next function to be called by any of the functions stored in the memory, wherein the order in which the predetermined processes described by the functions stored in the memory are executed can be changed.]

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19. (Amended) The method of claim 17, wherein the [predetermined] process of each of the plurality of functions [function] is repeatedly executed for only a predetermined number of times in accordance with predetermined repetition information.

Claim 21, line 2, delete "predetermined".

Please add the following claims 23-25:

--23. The data processing apparatus of claim 1, wherein the call-out command includes an address of the next function in the storage means.--

--24. The data processing apparatus of claim 9, wherein the call-out command includes an address of the next function in the memory.--

--25. The method of claim 17, wherein the call-out command includes an address of the next function in the memory--